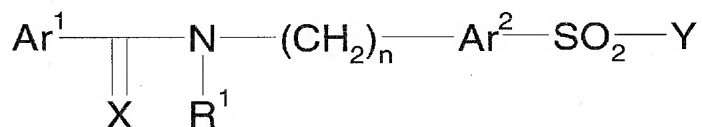


Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A sulfonamide compound according to formula I



I

with its geometrical isomers, in an optically active form as enantiomers, diastereomers, as well as in the form of racemates, as well as pharmaceutically acceptable salts thereof, wherein

Ar<sup>1</sup> and Ar<sup>2</sup> are independently from each other substituted or unsubstituted aryl or heteroaryl groups with the proviso that Ar<sup>2</sup> is not 1,3-phenylene or 1,4-phenylene,

X is O or S;

R<sup>1</sup> is hydrogen or a C<sub>1</sub>-C<sub>6</sub>-alkyl group, or R<sup>1</sup> forms a substituted or unsubstituted 5-6-membered saturated or unsaturated ring with Ar<sup>1</sup>;

n is an integer from 0 to 5;

Y within formula I is a substituted or unsubstituted piperidino moiety, whereby one nitrogen atom within said

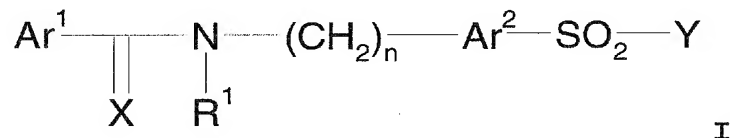
piperidino moiety forms a bond with the sulfonyl group of formula I thus providing a sulfonamide,

with the proviso that if  $\text{Ar}^1$  is 4-chlorophenyl, then X is O,  $\text{R}^1$  is H,  $\text{Ar}^2$  is thienyl, and Y is not para-substituted by 2-hydroxyethyl,

with the further proviso that if  $\text{Ar}^1$  is phenyl, then X is O,  $\text{R}^1$  is H,  $\text{Ar}^2$  is thienyl, and Y is not substituted in its  $\beta$  position by a benzo [5,6] cyclohepta [1,2b] pyridine or a benzo [5,6] cyclohept [3,4]ene [1,2b] pyridine;

with the final proviso that if X is oxygen, then Y shall not be substituted by a group  $(\text{C}=\text{O})\text{N}(\text{R},\text{R}')$  at the  $\alpha$ -position of the sulfonamide nitrogen.

2. (Currently Amended) A composition comprising a sulfonamide compound according to formula I



with its geometrical isomers, in an optically active form as enantiomers, dia-stereomers, as well as in the form of racemates, as well as pharmaceutically acceptable salts thereof, wherein

$\text{Ar}^1$  and  $\text{Ar}^2$  are ~~2-are independently~~ substituted or unsubstituted aryl or heteroaryl groups with the proviso that ~~neither  $\text{Ar}^1$  nor  $\text{Ar}^2$  is~~ neither 1,3-phenylene or 1,4-phenylene

and Ar<sup>1</sup> is not phenylene or quinazoline that is substituted by nitro, hydroxyl, or 3,4-dichlorophenyl amino,

X is O or S;

R<sup>1</sup> is hydrogen or a C<sub>1</sub>-C<sub>6</sub>-alkyl group, or R<sup>1</sup> forms a substituted or unsubstituted 5-6-membered saturated or unsaturated ring with Ar<sup>1</sup>;

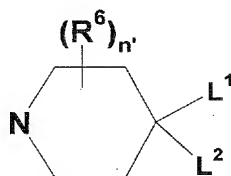
n is an integer from 0 to 5;

Y within formula I is a piperidino group whereby one nitrogen atom within said piperidino group forms a bond with the sulfonyl group of formula I thus providing a sulfonamide;

with the proviso that if Y is substituted at the  $\beta$ -position of the piperidino- nitrogen by a benzo[5, 6]cyclohepta[1, 2b]pyridine, or a benzo[5, 6]cyclohept [3,4] ene [1, 2b]pyridine, while Ar<sup>2</sup> is thienyl, X is oxygen, R<sup>1</sup> is hydrogen and n is 1, Ar<sup>1</sup> shall not be a phenyl group;

and a pharmaceutically acceptable carrier with the final proviso that if X is oxygen, Y shall not be substituted by a group (C=O)N(R,R') at the  $\alpha$ -position of the sulfonamide nitrogen.

3. (Previously Presented) A sulfonamide compound according to claim 1 or a composition according to claim 2, wherein Y is a piperidino group of the formula



whereby,  $L^1$  and  $L^2$  are independently selected from each other from the group consisting of H, substituted or unsubstituted  $C_1$ - $C_6$ -alkyl, substituted or unsubstituted  $C_2$ - $C_6$ -alkenyl, substituted or unsubstituted  $C_2$ - $C_6$ -alkynyl, substituted or unsubstituted cyclic  $C_4$ - $C_8$ -alkyl optionally containing 1-3 heteroatoms and optionally fused with aryl or heteroaryl; or  $L^1$  and  $L^2$  are independently selected from the group consisting of substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, aryl- $C_1$ - $C_6$ -alkyl, heteroaryl- $C_1$ - $C_6$ -alkyl,  $-C(O)-OR^3$ ,  $-C(O)-R^3$ ,  $-C(O)-NR^{3'}R^3$ ,  $-NR^{3'}R^3$ ,  $-NR^{3'}C(O)R^3$ ,  $-NR^{3'}C(O)NR^3R^3$ ,  $-(SO)R^3$ ,  $-(SO_2)R^3$ ,  $-NHSO_2R^3$ , and  $-SO_2NR^{3'}R^3$ ,

with  $R^3$  and  $R^{3'}$  being substituents independently selected from the group consisting of H, substituted or unsubstituted  $C_1$ - $C_6$ -alkyl, substituted or unsubstituted  $C_2$ - $C_6$ -alkenyl, substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, substituted or unsubstituted aryl- $C_1$ - $C_6$ -alkyl and substituted or unsubstituted heteroaryl- $C_1$ - $C_6$ -alkyl;

said aryl or heteroaryl groups being optionally substituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, amino, acylamino, aminocarbonyl, C<sub>1</sub>-C<sub>6</sub>-alkoxycarbonyl, aryl, carboxyl, cyano, halogen, hydroxy, nitro, sulfonyl, sulfoxy, and C<sub>1</sub>-C<sub>6</sub>-thioalkoxy, and

R<sup>6</sup> is selected from the group consisting of hydrogen, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>-alkyl, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>-alkoxy, OH, halogen, nitro, cyano, sulfonyl and oxo (=O), and

n' is an integer from 0 to 4.

Claim 4. (Cancelled)

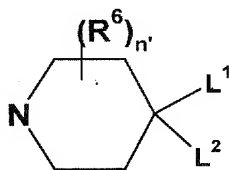
5. (Previously Presented) A sulfonamide compound according to claim 1, wherein Ar<sup>1</sup> and Ar<sup>2</sup> are independently selected from the group consisting of phenyl, thienyl, furyl, pyridyl, and optionally substituted by C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, amino, acylamino, aminocarbonyl, C<sub>1</sub>-C<sub>6</sub>-alkoxycarbonyl, aryl, carboxyl, cyano, halogen, hydroxy, nitro, sulfonyl and C<sub>1</sub>-C<sub>6</sub>-thioalkoxy.

6. (Previously Presented) A sulfonamide compound according to claim 5, wherein Ar<sup>1</sup> is an unsubstituted or substituted phenyl.

7. (Previously Presented) A sulfonamide compound according to claim 5, wherein  $\text{Ar}^2$  is an unsubstituted or substituted thienyl or furanyl group.

8. (Previously Presented) A sulfonamide compound according to claim 1, wherein  $\text{Ar}^1$  is selected from the group consisting of a 4-chlorophenyl, nitrophenyl, hydroxyphenyl, alkoxy phenyl, pyridyl, 3,4,-dihydroxyphenyl, thioxo-dihydropyridine or its tautomer and pyrazole and X is O,  $\text{R}^1$  is hydrogen, n is 1,  $\text{Ar}^2$  is thienyl or furanyl.

9. (Currently Amended) A sulfonamide compound according to claim 8, wherein Y is



$(\text{R}^6)_{n'}$  is selected from the group consisting of hydrogen, substituted or unsubstituted  $\text{C}_1\text{-C}_6$  alkyl, substituted or unsubstituted  $\text{C}_1\text{-C}_6$  alkoxy, OH, halogen, nitro, cyano, sulfonyl, and oxo;  $n'$  is an integer of from 0 to 4; and

wherein  $\text{L}^1$  and  $\text{L}^2$  are independently selected from each other from the group consisting of H, substituted or unsubstituted  $\text{C}_1\text{-C}_6$ - alkyl, substituted or unsubstituted  $\text{C}_2\text{-C}_6$  alkenyl; or  $\text{L}^1$  and  $\text{L}^2$  are independently selected from the group

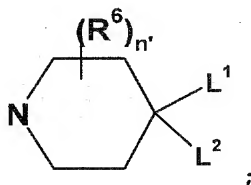
consisting of substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, substituted or unsubstituted cyclic C<sub>4</sub>-C<sub>8</sub> alkyl optionally containing 1-3 heteroatoms and optionally fused with aryl or heteroaryl, aryl-C<sub>1</sub>-C<sub>4</sub> alkyl, heteroaryl-C<sub>1</sub>-C<sub>4</sub> alkyl, -C(O)-OR<sup>3</sup>, -C(O)-R<sup>3</sup>, -C(O)-NR<sup>3'</sup>R<sup>3</sup>, -NR<sup>3'</sup>R<sup>3</sup>; -NR<sup>3'</sup>C(O)R<sup>3</sup>, -NR<sup>3'</sup>-C(O)NR<sup>3</sup>R<sup>3</sup>, -(SO)R<sup>3</sup>, -(SO<sub>2</sub>)R<sup>3</sup>, -NH<sub>2</sub>SO<sub>2</sub>R<sup>3</sup>, and -SO<sub>2</sub>NR<sup>3</sup>R<sup>3'</sup>;

with R<sup>3</sup> and R<sup>3'</sup> being substituents independently selected from the group consisting of H, substituted or unsubstituted C<sub>1</sub>-C<sub>4</sub> alkyl, substituted or unsubstituted C<sub>2</sub>-C<sub>6</sub> alkenyl, substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, substituted or unsubstituted aryl-C<sub>1</sub>-C<sub>4</sub>-alkyl, substituted or unsubstituted heteroaryl-C<sub>1</sub>-C<sub>6</sub>-alkyl;

said aryl or heteroaryl groups being optionally substituted with a member selected from the group consisting of C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, amino, acylamino, aminocarbonyl, C<sub>1</sub>-C<sub>6</sub>-alkoxycarbonyl, aryl, carboxyl, cyano, halogen, hydroxy, nitro, sulfonyl, sulfoxy, and C<sub>1</sub>-C<sub>6</sub>-thioalkoxy.

10. (Previously Presented) A sulfonamide compound according to claim 9, wherein R<sup>6</sup> is H, L<sup>2</sup> is H, L<sup>1</sup> is a 5-membered cyclic group containing 3 heteroatoms or L<sup>1</sup> is -C(O)-R<sup>3</sup>, or -NHR<sup>3</sup>;

wherein Y is



$n'$  is an integer of from 0 to 4;

with  $R^3$  being a substituent selected from the group comprising or consisting of  $C_1$ - $C_4$ -alkyl, aryl, heteroaryl, aryl- $C_1$ - $C_4$ -alkyl and heteroaryl- $C_1$ - $C_6$ -alkyl;

said aryl or heteroaryl groups being optionally substituted by halogen, hydroxy, nitro, or sulfonyl.

11. (Currently Amended) A sulfonamide compound according to claim 1, selected from the group consisting of:

4-chloro-N-{5-[4-(3-trifluoromethanesulfonyl-phenylamino)-piperidine-1-sulfonyl]-thiophen-2-ylmethyl}-benzamide;

4-chloro-N-[(5-{[4-(4-fluorobenzoyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-({5-[(4-hydroxy-4-phenylpiperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-({5-[(4-benzoylpiperidin-1-yl)sulfonyl]thien-2-yl)methyl}-4-chlorobenzamide;



4-chloro-N-[(5-{[4-(2-oxo-2,3-dihydro-1H-benzimidazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-({5-[(4-benzylpiperidin-1-yl)sulfonyl]thien-2-yl)methyl}-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(2,4-difluorobenzoyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

tert-butyl 1-[(5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-ylcarbamate;

4-chloro-N-{[5-(piperidin-1-ylsulfonyl)thien-2-yl)methyl]benzamide;

4-chloro-N-{[5-({3-hydroxy-4-[3-(trifluoromethyl)phenyl]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

N-[(5-{[4-(benzyloxy)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

~~N-(4-chlorophenyl)-2-(5-{[4-(2-oxo-2,3-dihydro-1H-benzimidazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)benzamide;~~

4-chloro-N-({5-[(4-hydroxypiperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-({5-[(4-benzyl-4-hydroxypiperidin-1-yl)sulfonyl]thien-2-yl)methyl}-4-chlorobenzamide;

N- { [5- ( {4- [ (2-tert-butyl-1H-indol-5-yl) amino] piperidin-1-yl } sulfonyl) thien-2-yl] methyl } -4-chlorobenzamide;

4-chloro-N- { [5- ( {4- [ (phenylacetyl) amino] piperidin-1-yl } sulfonyl) thien-2-yl] methyl } benzamide;

N- [ (5- { [4- (2H-1,2,3-benzotriazol-2-yl) piperidin-1-yl] sulfonyl } thien-2-yl) methyl ] -4-chlorobenzamide;

4-chloro-N- [ (5- { [4- (4-chlorobenzoyl) piperidin-1-yl] sulfonyl } thien-2-yl) methyl ] benzamide;

4-chloro-N- ( {5- [ (4-phenoxy) piperidin-1-yl] sulfonyl } thien-2-yl ) methyl ) benzamide;

N- { [5- ( {4- [benzyl (methyl) amino] piperidin-1-yl } sulfonyl) thien-2-yl] methyl } -4-chlorobenzamide;

4-chloro-N- { [5- ( {4- [3- (2,4-dichlorophenyl) -1H-pyrazol-5-yl] piperidin-1-yl } sulfonyl) thien-2-yl] methyl } benzamide;

4-chloro-N- [ (5- { [4- (5-thien-2-yl-1H-pyrazol-3-yl) piperidin-1-yl] sulfonyl } thien-2-yl) methyl ] benzamide;

4-chloro-N- [ (5- { [4- (2,3,4,5,6-pentamethylbenzoyl) piperidin-1-yl] sulfonyl } thien-2-yl) methyl ] benzamide;

4-chloro-N- { [5- ( {4- [5- (4-methoxyphenyl) -1H-pyrazol-3-yl] piperidin-1-yl } sulfonyl) thien-2-yl] methyl } benzamide;

N-({5-[(4-anilinopiperidin-1-yl)sulfonyl]thien-2-yl)methyl}-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(2-phenylethyl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide;

~~2-(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl)sulfonyl]thien-2-yl})N-(4-chlorophenyl)benzamide;~~

2-{1-[(5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}-2H-1,2,3-benzotriazole-5-carboxylic acid;

~~4-chloro-N-[(5-{[4-(5-chloro-1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;~~

methyl 1-{1-[(5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}-1H-1,2,3-benzotriazole-5-carboxylate;

methyl 1-{1-[(5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}-1H-1,2,3-benzotriazole-6-carboxylate;

methyl 2-{1-[(5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}-2H-1,2,3-benzotriazole-5-carboxylate;

4-chloro-N-[(5-{[4-(6-chloro-1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

4-chloro-N- { [5- ( {4- [5- (trifluoromethyl) -1H-1,2,3-  
benzotriazol-1-yl]piperidin-1-yl}sulfonyl) thien-2-  
yl]methyl}benzamide;

N- [ (5- { [4- (7-aza-1H-benzimidazol-1-yl)piperidin-1-  
yl]sulfonyl} thien-2-yl)methyl] -4-chlorobenzamide;

1- {1- [ (5- { [ (4-chlorobenzoyl) amino]methyl} thien-2-  
yl)sulfonyl]piperidin-4-yl} -1H-1,2,3-benzotriazole-5-  
carboxylic acid;

1- {1- [ (5- { [ (4-chlorobenzoyl) amino]methyl} thien-2-  
yl)sulfonyl]piperidin-4-yl} -1H-1,2,3-benzotriazole-6-  
carboxylic acid;

N- [ (5- { [4- (2-amino-9H-purin-9-yl)piperidin-1-  
yl]sulfonyl} thien-2-yl)methyl] -4-chlorobenzamide;

4-chloro-N- [ (5- { [4- (9H-purin-9-yl)piperidin-1-  
yl]sulfonyl} thien-2-yl)methyl] benzamide;

N- [ (5- { [4- (6-amino-9H-purin-9-yl)piperidin-1-  
yl]sulfonyl} thien-2-yl)methyl] -4-chlorobenzamide;

4-chloro-N- ( {5- [ (4- {6-nitro-1H-benzimidazol-1-  
yl}piperidin-1-yl)sulfonyl] thien-2-yl}methyl) benzamide;

4-chloro-N- ( {5- [ (4- {5-nitro-1H-benzimidazol-1-  
yl}piperidin-1-yl)sulfonyl] thien-2-yl}methyl) benzamide;

4-chloro-N- [ (5- { [4- (2H-1,2,3-triazol-2-yl)piperidin-  
1-yl]sulfonyl} thien-2-yl)methyl] benzamide;

N-[(5-{[4-(1H-benzimidazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-{[5-({4-[3-propylanilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

4-chloro-N-{[5-({4-[3-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

4-chloro-N-{[5-({4-[3-(dimethylamino)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

methyl 3-({1-[(5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}amino)-benzoate;

4-chloro-N-{[5-({4-[3-(methylsulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

4-chloro-N-({5-[(4-{3-nitroanilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N-[(5-{[4-(2-methoxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

3-({1-[(5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}amino)benzamide;

4-chloro-N-{[5-({4-[2-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

4-chloro-N-({5-[(4-{2-nitro-4-  
[(trifluoromethyl)sulfonyl]anilino}piperidin-1-  
yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N-[(5-{[4-(4-chloroanilino)piperidin-1-  
yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N-{[5-({4-[4-  
(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl]thien-2-  
yl)methyl}benzamide;

4-chloro-N-({5-[(4-{4-  
[(trifluoromethyl)sulfonyl]anilino}piperidin-1-  
yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N-({5-[(4-{2-nitroanilino}piperidin-1-  
yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-{[5-({4-[4-(aminocarbonyl)anilino]piperidin-1-  
yl)sulfonyl]thien-2-yl)methyl}-4-chlorobenzamide;

4-chloro-N-{[5-({4-[4-(1,3-dithiolan-2-  
yl)anilino]piperidin-1-yl)sulfonyl]thien-2-  
yl)methyl}benzamide;

N-[(5-{[4-(3-chloroanilino)piperidin-1-  
yl)sulfonyl]thien-2-yl)methyl]-3-nitrobenzamide;

4-chloro-N-[(5-{[4-(3-chloroanilino)piperidin-1-  
yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N-[(5-{[4-(3-methoxyanilino)piperidin-1-  
yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N- { [5- ( {4- [3-  
(methylsulfonyl) anilino] piperidin-1-yl} sulfonyl) thien-2-  
yl] methyl} benzamide;

N- ( {5- [ (4- {3- [amino (imino) methyl] anilino} piperidin-  
1-yl) sulfonyl] thien-2-yl} methyl) -4-chlorobenzamide;

4-chloro-N- ( {5- [ (4- {3- [ (2-  
hydroxyethyl) sulfonyl] anilino} piperidin-1-yl) sulfonyl] thien-2-  
yl} methyl) benzamide;

N- [ (5- { [4- (2-aminoanilino) piperidin-1-  
yl] sulfonyl} thien-2-yl) methyl] -4-chlorobenzamide;

4-chloro-N- [ (5- { [4- (2-hydroxyanilino) piperidin-1-  
yl] sulfonyl} thien-2-yl) methyl] benzamide;

4-chloro-N- [ (5- { [4- (4-hydroxyanilino) piperidin-1-  
yl] sulfonyl} thien-2-yl) methyl] benzamide;

4-chloro-N- ( {5- [ (4- {3-  
[ (trifluoromethyl) sulfanyl] anilino} piperidin-1-  
yl) sulfonyl] thien-2-yl} methyl) benzamide;

4-chloro-N- [ (5- { [4- (3-toluidino) piperidin-1-  
yl] sulfonyl} thien-2-yl) methyl] benzamide;

4-chloro-N- ( {5- [ (4- { [3-chloro-5-  
(trifluoromethyl) pyridin-2-yl] amino} piperidin-1-  
yl) sulfonyl] thien-2-yl} methyl) benzamide;

4-chloro-N- { [5- ( {4- [3- (1,3-oxazol-5-yl) anilino] piperidin-1-yl} sulfonyl) thien-2-yl] methyl} benzamide;

N- [ (5- { [4- (3-tert-butylanilino) piperidin-1-yl] sulfonyl} thien-2-yl) methyl] -4-chlorobenzamide;

4-chloro-N- [ (5- { [4- (2-propylanilino) piperidin-1-yl] sulfonyl} thien-2-yl) methyl] benzamide;

4-chloro-N- { [5- ( {4- [ (2,2-dioxido-1,3-dihydro-2-benzothien-5-yl) amino] piperidin-1-yl} sulfonyl) thien-2-yl] methyl} benzamide;

4-chloro-N- [ (5- { [4- (2,3-dihydro-1H-inden-5-ylamino) piperidin-1-yl] sulfonyl} thien-2-yl) methyl] benzamide;

4-chloro-N- [ (5- { [4- (4-propylanilino) piperidin-1-yl] sulfonyl} thien-2-yl) methyl] benzamide;

4-chloro-N- [ (5- { [4- ( {3-nitropyridin-2-yl} amino) piperidin-1-yl] sulfonyl} thien-2-yl) methyl] benzamide;

N- { [5- ( {4- [ (3-aminopyridin-2-yl) amino] piperidin-1-yl} sulfonyl) thien-2-yl] methyl} -4-chlorobenzamide;

N- [ (5- { [4- ( [1,1'-biphenyl] -3-ylamino) piperidin-1-yl] sulfonyl} thien-2-yl) methyl] -4-chlorobenzamide;

N- [ (5- { [4- (3-benzylanilino) piperidin-1-yl] sulfonyl} thien-2-yl) methyl] -4-chlorobenzamide;

4-chloro-N- [ (5- { [4- (pyrimidin-2-ylamino) piperidin-1-yl] sulfonyl} thien-2-yl) methyl] benzamide;



4-chloro-N- { [5- ( {4- [4- (morpholin-4-ylsulfonyl) anilino] piperidin-1-yl} sulfonyl) thien-2-yl] methyl} benzamide;

4-chloro-N- ( {5- [ (4- { [4- (trifluoromethyl) pyrimidin-2-yl] amino} piperidin-1-yl) sulfonyl] thien-2-yl} methyl) benzamide;

4-chloro-N- [ (5- { [4- (3-cyclohexyl-4-hydroxyanilino) piperidin-1-yl] sulfonyl} thien-2-yl) methyl] benzamide;

N- ( {5- [ (4- {3- [(butylamino) sulfonyl] anilino} piperidin-1-yl) sulfonyl] thien-2-yl} methyl) -4-chlorobenzamide;

4-chloro-N- [ (5- { [4- (3-ethylanilino) piperidin-1-yl] sulfonyl} thien-2-yl) methyl] benzamide;

4-chloro-N- [ (5- { [4- (5,6,7,8-tetrahydronaphthalen-1-ylamino) piperidin-1-yl] sulfonyl} thien-2-yl) methyl] benzamide;

N- { [5- ( {4- [3- (aminosulfonyl) anilino] piperidin-1-yl} sulfonyl) thien-2-yl] methyl} -4-chlorobenzamide;

4-chloro-N- [ (5- { [4- (quinolin-5-ylamino) piperidin-1-yl] sulfonyl} thien-2-yl) methyl] benzamide;

4-chloro-N- [ (5- { [4- (quinolin-8-ylamino) piperidin-1-yl] sulfonyl} thien-2-yl) methyl] benzamide;

4-Chloro-N- [ (5- { [4- (3-propylphenoxy) piperidin-1-yl] sulfonyl} thien-2-yl) methyl] benzamide;

4-nitro-N-({5-[4-{3-  
[(trifluoromethyl)sulfonyl]anilino}piperidin-1-  
yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-[(5-{4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-  
yl)sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

N-[(5-{4-(2,4-difluorobenzoyl)piperidin-1-  
yl)sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

N-[(5-{4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-  
yl)sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

3-nitro-N-[(5-{4-(3-methoxyanilino)piperidin-1-  
yl)sulfonyl}thien-2-yl)methyl]benzamide;

3-nitro-N-({5-({4-[3-  
(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)thien-2-  
yl)methyl}benzamide;

N-({5-({4-[3-(dimethylamino)anilino]piperidin-1-  
yl}sulfonyl)thien-2-yl)methyl}-3-nitrobenzamide;

3-nitro-N-({5-({4-[3-  
(methylsulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-  
yl)methyl}benzamide;

3-nitro-N-({5-({4-[3-  
(methylsulfanyl)anilino]piperidin-1-yl}sulfonyl)thien-2-  
yl)methyl}benzamide;

N-({5-({4-[3-(aminosulfonyl)anilino]piperidin-1-  
yl}sulfonyl)thien-2-yl)methyl}-3-nitrobenzamide;

methyl 3-{[1-({5-[(3-nitrobenzoyl)amino)methyl]-  
thien-2-yl)sulfonyl]-piperidin-4-yl}amino}benzoate;

N-{[5-({4-[3-(aminocarbonyl)anilino]piperidin-1-  
yl)sulfonyl]thien-2-yl}methyl}-3-nitrobenzamide;

3-nitro-N-({5-[(4-{3-nitroanilino}piperidin-1-  
yl)sulfonyl]thien-2-yl}methyl)benzamide;

3-nitro-N-[(5-{[4-(2-methoxyanilino)piperidin-1-  
yl)sulfonyl]thien-2-yl}methyl)benzamide;

3-nitro-N-{[5-({4-[2-  
(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl]thien-2-  
yl}methyl}benzamide;

3-nitro-N-({5-[(4-{2-nitroanilino}piperidin-1-  
yl)sulfonyl]thien-2-yl}methyl)benzamide;

N-[(5-{[4-(4-chloroanilino)piperidin-1-  
yl)sulfonyl]thien-2-yl}methyl]-3-nitrobenzamide;

3-nitro-N-{[5-({4-[4-  
(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl]thien-2-  
yl}methyl}benzamide;

3-nitro-N-({5-[(4-{4-  
[(trifluoromethyl)sulfonyl]anilino}piperidin-1-  
yl)sulfonyl]thien-2-yl}methyl)benzamide;

N-{[5-({4-[4-(aminocarbonyl)anilino]piperidin-1-  
yl)sulfonyl]thien-2-yl}methyl}-3-nitrobenzamide;

N-[(5-{[4-(3-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

N-[(5-{[4-(3-chloroanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

4-nitro-N-[(5-{[4-(3-methoxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-nitro-N-{[5-({4-[3-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

N-{[5-({4-[3-(dimethylamino)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-4-nitrobenzamide;

4-nitro-N-[(5-{[4-(3-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-nitro-N-{[5-({4-[3-(methylsulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

4-nitro-N-{[5-({4-[3-(methylsulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

N-{[5-({4-[3-(aminosulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-4-nitrobenzamide;

methyl 3-{[1-({5-[(4-nitrobenzoyl)amino]methyl)-thien-2-yl}sulfonyl)piperidin-4-yl]amino}benzoate;

3- { [1- ( {5- [ ( {4-nitrobenzoyl } amino ) methyl ] thien-2-yl } sulfonyl ) piperidin-4-yl ] amino } benzamide;

4-nitro-N- ( {5- [ (4- {3-nitroanilino } piperidin-1-yl ) sulfonyl ] thien-2-yl } methyl ) benzamide;

4-nitro-N- [ (5- { [4- (2-methoxyanilino ) piperidin-1-yl ] sulfonyl } thien-2-yl ) methyl ] benzamide;

4-nitro-N- { [5- ( {4- [2- (trifluoromethyl ) anilino ] piperidin-1-yl } sulfonyl ) thien-2-yl ] methyl } benzamide;

4-nitro-N- ( {5- [ (4- {2-nitroanilino } piperidin-1-yl ) sulfonyl ] thien-2-yl } methyl ) benzamide;

N- [ (5- { [4- (4-chloroanilino ) piperidin-1-yl ] sulfonyl } thien-2-yl ) methyl ] -4-nitrobenzamide;

4-nitro-N- { [5- ( {4- [4- (trifluoromethyl ) anilino ] piperidin-1-yl } sulfonyl ) thien-2-yl ] methyl } benzamide;

4-nitro-N- ( {5- [ (4- {4- [ (trifluoromethyl ) sulfonyl ] anilino } piperidin-1-yl ) sulfonyl ] thien-2-yl } methyl ) benzamide;

N- { [5- ( {4- [4- (aminocarbonyl ) anilino ] piperidin-1-yl } sulfonyl ) thien-2-yl ] methyl } -4-nitrobenzamide;

N- { [5- ( {4- [4- (1,3-dithiolan-2-yl ) anilino ] piperidin-1-yl } sulfonyl ) thien-2-yl ] methyl } -4-nitrobenzamide;

N-({5-[(4-{3-[amino(imino)methyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-nitrobenzamide;

N-({5-[(4-{3-[(2-hydroxyethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-nitrobenzamide;

N-({5-[(4-anilinopiperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-nitrobenzamide;

N-({5-[(4-{3-[(2-hydroxyethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-4-nitrobenzamide;

N-({5-[(4-anilinopiperidin-1-yl)sulfonyl]thien-2-yl)methyl}-4-nitrobenzamide;

N-({5-[(4-{3-[amino(imino)methyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-4-nitrobenzamide;

3-nitro-N-[(5-{[4-({3-nitropyridin-2-yl)amino]piperidin-1-yl)sulfonyl}thien-2-yl)methyl]benzamide;

N-{[5-({4-[(2,2-dioxido-1,3-dihydro-2-benzothien-5-yl)amino]piperidin-1-yl)sulfonyl}thien-2-yl)methyl}-3-nitrobenzamide;

N-[(5-{[4-(2,3-dihydro-1H-inden-5-ylamino)piperidin-1-yl)sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

3-nitro-N-[(5-{[4-(2-propylanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

3-nitro-N-[(5-{[4-(4-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(3-tert-butylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

3-nitro-N-{[5-({4-[3-(1,3-oxazol-5-yl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

3-nitro-N-[(5-{[4-(2-phenylethyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-({5-[(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-nitrobenzamide;

N-[(5-{[4-([1,1'-biphenyl]-3-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

N-[(5-{[4-(3-benzylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

3-nitro-N-{[5-({4-[3-(morpholin-4-ylsulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

3-nitro-N-[(5-{[4-(3-propylphenoxy)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-nitro-N-[(5-{[4-(pyrimidin-2-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N- { [5- ( {4- [ (3-aminopyridin-2-yl) amino] piperidin-1-yl} sulfonyl) thien-2-yl] methyl } -4-nitrobenzamide;

4-nitro-N- [ (5- { [4- ( {3-nitropyridin-2-yl} amino) piperidin-1-yl] sulfonyl } thien-2-yl) methyl ] benzamide;

N- [ (5- { [4- (2,3-dihydro-1H-inden-5-ylamino) piperidin-1-yl] sulfonyl } thien-2-yl) methyl ] -4-nitrobenzamide;

4-nitro-N- [ (5- { [4- (2-propylanilino) piperidin-1-yl] sulfonyl } thien-2-yl) methyl ] benzamide;

4-nitro-N- [ (5- { [4- (4-propylanilino) piperidin-1-yl] sulfonyl } thien-2-yl) methyl ] benzamide;

N- [ (5- { [4- (3-tert-butylanilino) piperidin-1-yl] sulfonyl } thien-2-yl) methyl ] -4-nitrobenzamide;

4-nitro-N- { [5- ( {4- [3- (1,3-oxazol-5-yl) anilino] piperidin-1-yl} sulfonyl) thien-2-yl] methyl } benzamide;

4-nitro-N- [ (5- { [4- (2-phenylethyl) piperidin-1-yl] sulfonyl } thien-2-yl) methyl ] benzamide;

N- ( {5- [ (4- { [3-chloro-5- (trifluoromethyl) pyridin-2-yl] amino } piperidin-1-yl) sulfonyl ] thien-2-yl } methyl ) -4-nitrobenzamide;

N- [ (5- { [4- ( [1,1'-biphenyl] -3-ylamino) piperidin-1-yl] sulfonyl } thien-2-yl) methyl ] -4-nitrobenzamide;

N- [ (5- { [4- (3-benzylanilino) piperidin-1-yl] sulfonyl } thien-2-yl) methyl ] -4-nitrobenzamide;



4-nitro-N- { [5- ( {4- [3- (morpholin-4-ylsulfonyl) anilino] piperidin-1-yl} sulfonyl) thien-2-yl] methyl} benzamide;

N- [ (5- { [4- (2-aminoanilino) piperidin-1-yl] sulfonyl} thien-2-yl) methyl] -3-nitrobenzamide;

3-nitro-N- [ (5- { [4- (pyrimidin-2-ylamino) piperidin-1-yl] sulfonyl} thien-2-yl) methyl] benzamide;

N- { [5- ( {4- [ (3-aminopyridin-2-yl) amino] piperidin-1-yl} sulfonyl) thien-2-yl] methyl} -3-nitrobenzamide;

N- ( {5- [ (4- {2-nitro-4- [(trifluoromethyl) sulfonyl] anilino} piperidin-1-yl) sulfonyl] thien-2-yl} methyl) -3-methoxybenzamide;

3-nitro-N- ( {5- [ (4- { [4- (trifluoromethyl) pyrimidin-2-yl] amino} piperidin-1-yl) sulfonyl] thien-2-yl} methyl) benzamide;

N- [ (5- { [4- (3-cyclohexyl-4-hydroxyanilino) piperidin-1-yl] sulfonyl} thien-2-yl) methyl] -3-nitrobenzamide;

N- ( {5- [ (4- {3- [(butylamino) sulfonyl] anilino} piperidin-1-yl) sulfonyl] thien-2-yl} methyl) -3-nitrobenzamide;

N- [ (5- { [4- (3-ethylanilino) piperidin-1-yl] sulfonyl} thien-2-yl) methyl] -3-nitrobenzamide;

3-nitro-N- [ (5- { [4- (5,6,7,8-tetrahydronaphthalen-1-ylamino) piperidin-1-yl] sulfonyl} thien-2-yl) methyl] benzamide;

4-nitro-N-[(5-{[4-(3-propylphenoxy)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(2,4-difluorobenzoyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

N-[(5-{[4-(2,4-difluorobenzoyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

2-Hydroxy-N-({5-[(4-{3-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-2-hydroxybenzamide;

N-{[5-({4-[4-(1,3-dithiolan-2-yl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-3-nitrobenzamide;

3-methoxy-N-[(5-{[4-(3-methoxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

3-methoxy-N-{[5-({4-[3-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

N-{[5-({4-[3-(dimethylamino)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-[(5-{[4-(3-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

3-methoxy-N-{ [5- ( {4- [3-  
(methylsulfonyl) anilino] piperidin-1-yl} sulfonyl) thien-2-  
yl] methyl} benzamide;

3-methoxy-N-{ [5- ( {4- [3-  
(methylsulfonyl) anilino] piperidin-1-yl} sulfonyl) thien-2-  
yl] methyl} benzamide;

N- { [5- ( {4- [3- (aminosulfonyl) anilino] piperidin-1-  
yl} sulfonyl) thien-2-yl] methyl} -3-methoxybenzamide;

methyl 3- ( {1- [ (5- { [ (3-methoxybenzoyl) amino] -  
methyl} thien-2-yl) sulfonyl] piperidin-4-yl} amino) -benzoate;

N- { [5- ( {4- [3- (aminocarbonyl) anilino] piperidin-1-  
yl} sulfonyl) thien-2-yl] methyl} -3-methoxybenzamide;

3-methoxy-N- [ (5- { [4- (2-methoxyanilino) piperidin-1-  
yl] sulfonyl} thien-2-yl) methyl] benzamide;

N- ( {5- [ (4- {3-nitroanilino} piperidin-1-  
yl) sulfonyl] thien-2-yl} methyl) -3-methoxybenzamide;

3-methoxy-N- { [5- ( {4- [2-  
(trifluoromethyl) anilino] piperidin-1-yl} sulfonyl) thien-2-  
yl] methyl} benzamide;

N- ( {5- [ (4- {2-nitroanilino} piperidin-1-  
yl) sulfonyl] thien-2-yl} methyl) -3-methoxybenzamide;

N- { [5- ( {4- [4- (aminocarbonyl) anilino] piperidin-1-  
yl} sulfonyl) thien-2-yl] methyl} -3-methoxybenzamide;

N- { [5- ( {4- [4- (1,3-dithiolan-2-yl) anilino] piperidin-1-yl} sulfonyl) thien-2-yl] methyl} -3-methoxybenzamide;

N- [ (5- { [4- (3-chloroanilino) piperidin-1-yl] sulfonyl} thien-2-yl) methyl] -3-methoxybenzamide;

N- [ (5- { [4- (4-chloroanilino) piperidin-1-yl] sulfonyl} thien-2-yl) methyl] -3-methoxybenzamide;

3-methoxy-N- ( {5- [ (4- {4- [(trifluoromethyl) sulfonyl] anilino} piperidin-1-yl) sulfonyl] thien-2-yl} methyl) benzamide;

N- ( {5- [ (4- {3- [amino (imino) methyl] anilino} piperidin-1-yl) sulfonyl] thien-2-yl} methyl) -3-methoxybenzamide;

N- ( {5- [ (4- {3- [ (2-hydroxyethyl) sulfonyl] anilino} piperidin-1-yl) sulfonyl] thien-2-yl} methyl) -3-methoxybenzamide;

3-methoxy-N- ( {5- [ (4- {3- [(trifluoromethyl) sulfonyl] anilino} piperidin-1-yl) sulfonyl] thien-2-yl} methyl) benzamide;

N- ( {5- [ (4-anilinopiperidin-1-yl) sulfonyl] thien-2-yl} methyl) -3-methoxybenzamide;

3-methoxy-N- ( {5- [ (4- {3- [(trifluoromethyl) sulfanyl] anilino} piperidin-1-yl) sulfonyl] thien-2-yl} methyl) benzamide;

N- [ (5- { [4- (4-hydroxyanilino) piperidin-1-yl] sulfonyl} thien-2-yl) methyl] -3-methoxybenzamide;

3-nitro-N-({5-[4-{3-  
[(trifluoromethyl)sulfanyl]anilino}piperidin-1-  
yl)sulfonyl}thien-2-yl)methyl)benzamide;

4-nitro-N-({5-[4-{3-  
[(trifluoromethyl)sulfanyl]anilino}piperidin-1-  
yl)sulfonyl}thien-2-yl)methyl)benzamide;

N-[(5-{[4-(2-hydroxyanilino)piperidin-1-  
yl)sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-[(5-{[4-(pyrimidin-2-ylamino)piperidin-  
1-yl)sulfonyl}thien-2-yl)methyl]benzamide;

N-{[5-({4-[(3-aminopyridin-2-yl)amino]piperidin-1-  
yl)sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

N-[(5-{[4-({3-nitropyridin-2-yl}amino)piperidin-1-  
yl)sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

N-{[5-({4-[(2,2-dioxido-1,3-dihydro-2-benzothien-5-  
yl)amino]piperidin-1-yl)sulfonyl}thien-2-yl)methyl]-3-  
methoxybenzamide;

N-[(5-{[4-(2,3-dihydro-1H-inden-5-ylamino)piperidin-  
1-yl)sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-[(5-{[4-(2-propylanilino)piperidin-1-  
yl)sulfonyl}thien-2-yl)methyl]benzamide;

3-methoxy-N-[(5-{[4-(4-propylanilino)piperidin-1-  
yl)sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(3-tert-butylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

N-({5-[(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-methoxybenzamide;

3-methoxy-N-{[5-({4-[3-(1,3-oxazol-5-yl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

N-[(5-{[4-([1,1'-biphenyl]-3-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-[(5-{[4-(3-propylphenoxy)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

3-methoxy-N-{[5-({4-[3-(morpholin-4-yl)sulfonyl]anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

3-methoxy-N-[(5-{[4-(2-phenylethyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(3-benzylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-({5-[(4-{[4-(trifluoromethyl)pyrimidin-2-yl]amino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-[(5-{[4-(3-cyclohexyl-4-hydroxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

N-({5-[(4-{3-  
[(butylamino)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-  
yl)methyl}-3-methoxybenzamide;

N-[(5-{[4-(3-ethylanilino)piperidin-1-  
yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-[(5-{[4-(5,6,7,8-tetrahydronaphthalen-1-  
ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-  
yl]sulfonyl}thien-2-yl)methyl]-5-nitro-1H-pyrazole-3-  
carboxamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-  
yl]sulfonyl}thien-2-yl)methyl]-2-oxo-1,2-dihydropyridine-3-  
carboxamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-  
yl]sulfonyl}thien-2-yl)methyl]-2-thioxo-1,2-dihydropyridine-3-  
carboxamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-  
yl]sulfonyl}thien-2-yl)methyl]-3,4-dihydroxybenzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-  
yl]sulfonyl}thien-2-yl)methyl]pyridine-2-carboxamide;

N-[(5-{[4-(hexyloxy)piperidin-1-yl]sulfonyl}thien-2-  
yl)methyl]-3-methoxybenzamide;

N-({5-[(4-heptanoylpiperidin-1-yl)sulfonyl]thien-2-  
yl)methyl}-3-methoxybenzamide;

4-chloro-N-[(5-{[4-(3-propylanilino)piperidin-1-yl]sulfonyl}-2-furyl)methyl]benzamide;

4-chloro-N-[(5-{[4-(3-chloroanilino)piperidin-1-yl]sulfonyl}-2-furyl)methyl]benzamide;

4-chloro-N-[(5-{[4-(3-methoxyanilino)piperidin-1-yl]sulfonyl}-2-furyl)methyl]benzamide;

4-chloro-N-{[5-({4-[3-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)-2-furyl]methyl}benzamide;

4-chloro-N-{[5-({4-[3-(dimethylamino)anilino]piperidin-1-yl}sulfonyl)-2-furyl]methyl}benzamide;

4-chloro-N-{[5-({4-[3-(methylsulfonyl)anilino]piperidin-1-yl}sulfonyl)-2-furyl]methyl}benzamide;

4-chloro-N-{[5-({4-[3-(methylsulfanyl)anilino]piperidin-1-yl}sulfonyl)-2-furyl]methyl}benzamide;

N-{[5-({4-[3-(aminosulfonyl)anilino]piperidin-1-yl}sulfonyl)-2-furyl]methyl}-4-chlorobenzamide;

methyl 3-({1-[(5-{[(4-chlorobenzoyl)amino]methyl}-2-furyl)sulfonyl]piperidin-4-yl}amino)benzoate;

3-({1-[(5-{[(4-chlorobenzoyl)amino]methyl}-2-furyl)sulfonyl]piperidin-4-yl}amino)benzamide;



4-chloro-N-({5-[(4-{3-nitroanilino}piperidin-1-yl)sulfonyl]-2-furyl)methyl}benzamide;

4-chloro-N-[(5-{[4-(2-methoxyanilino)piperidin-1-yl)sulfonyl]-2-furyl)methyl}benzamide;

4-chloro-N-{[5-({4-[2-(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl]-2-furyl)methyl}benzamide;

4-chloro-N-({5-[(4-{2-nitroanilino}piperidin-1-yl)sulfonyl]-2-furyl)methyl}benzamide;

4-chloro-N-[(5-{[4-(4-chloroanilino)piperidin-1-yl)sulfonyl]-2-furyl)methyl}benzamide;

4-chloro-N-{[5-({4-[4-(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl]-2-furyl)methyl}benzamide;

4-chloro-N-({5-[(4-{4-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]-2-furyl)methyl}benzamide;

N-{[5-({4-[4-(aminocarbonyl)anilino]piperidin-1-yl)sulfonyl]-2-furyl)methyl}-4-chlorobenzamide;

4-chloro-N-{[5-({4-[4-(1,3-dithiolan-2-yl)anilino]piperidin-1-yl)sulfonyl]-2-furyl)methyl}benzamide;

N-({5-[(4-{3-[amino(imino)methyl]anilino}piperidin-1-yl)sulfonyl]-2-furyl)methyl}-4-chlorobenzamide;

4-chloro-N-({5-[(4-{3-  
[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]-2-  
furyl)methyl}benzamide;

N-({5-[(4-anilinopiperidin-1-yl)sulfonyl]-2-  
furyl)methyl}-4-chlorobenzamide; and

4-nitro-N-({5-[(4-{3-  
[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]-2-  
furyl)methyl}benzamide.

12. (Previously Presented) A sulfonamide compound  
according to claim 11, which is selected from the group  
consisting of:

4-chloro-N-[(5-{[4-(2,4-difluorobenzoyl)piperidin-1-  
yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-({5-[(4-anilinopiperidin-1-yl)sulfonyl]thien-2-  
yl)methyl}-4-chlorobenzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-  
yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

N-[(5-{[4-(1H-benzimidazol-1-yl)piperidin-1-  
yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-{[5-({4-[3-propylanilino]piperidin-1-  
yl}sulfonyl)thien-2-yl)methyl}benzamide;

4-chloro-N-[(5-{[4-(4-chloroanilino)piperidin-1-  
yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-({5-[4-{3-[(2-hydroxyethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)benzamide;

N-{[5-({4-[3-(aminosulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}-4-chlorobenzamide;

4-nitro-N-[(5-{[4-(3-methoxyanilino)piperidin-1-yl}sulfonyl]thien-2-yl)methyl]benzamide;

methyl 3-{[1-({5-[(4-nitrobenzoyl)amino]methyl]thien-2-yl}sulfonyl)piperidin-4-yl]amino}benzoate;

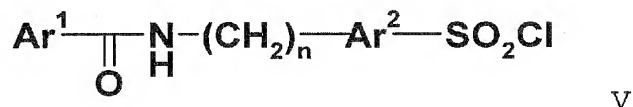
N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl}sulfonyl]thien-2-yl)methyl]-2-hydroxybenzamide; and

N-({5-[4-{2-nitroanilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-methoxybenzamide.

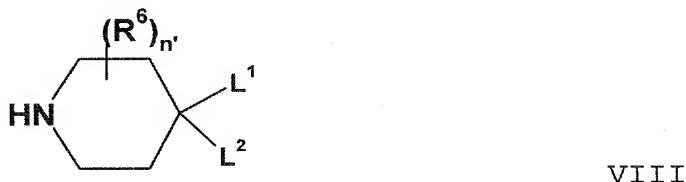
Claims 13-19. (Cancelled)

20. (Previously Presented) A pharmaceutical composition containing at least one sulfonamide compound according to claim 1 and a pharmaceutically acceptable carrier, diluent or excipient.

21. (Currently Amended) Process for the preparation of a sulfonamide compound according to claim 1, comprising reacting a sulfonyl chloride V



with an amine VIII



whereby n is an integer of from 0 to 5, n'  $(\text{R}^6)_{n'}$  is an integer of from 0 to 4,  $n\text{-R}_6$  is selected from the group consisting of hydrogen, substituted or unsubstituted  $\text{C}_1\text{-C}_6$  alkyl, substituted or unsubstituted  $\text{C}_1\text{-C}_6$  alkoxy, OH, halogen, nitro, cyano, sulfonyl and oxo;

$\text{L}^1$  and  $\text{L}^2$  are independently selected from each other ~~from~~ the group consisting of hydrogen, substituted or unsubstituted  $\text{C}_1\text{-C}_6$  alkyl, substituted or unsubstituted  $\text{C}_1\text{-C}_2\text{-C}_6$  alkenyl, substituted or unsubstituted  $\text{C}_1\text{-C}_3\text{-C}_6$  alkynyl, substituted or unsubstituted cyclic  $\text{C}_4\text{-C}_8$  alkyl optionally containing 1-3 heteroatoms and optionally fused with aryl or heteroaryl; or  $\text{L}^1$  and  $\text{L}^2$  are ~~independent~~ independently selected from the group consisting of substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, aryl-  $\text{C}_1\text{-C}_6$  alkyl, Heteroaryl-heteroaryl-  $\text{C}_1\text{-C}_6$  alkyl, substituted or unsubstituted cyclic  $\text{C}_4\text{-C}_8$  alkyl optionally containing 1-3

heteroatoms and optionally fused with aryl or heteroaryl, -  
 $C(O)R^3$ ,  $-C(O)OR^3$ ,  $-C(O)-NR^{3'}R^3$ ,  $-NR^{3'}R^3$ ,  $-NR^{3'}C(O)R^3$ , -  
 $NR^{3'}C(O)NR^3R^3$  -  $(SO)R^3$ ,  $(SO_2)R^3$ ,  $NHSO_2R^3$  and  $SO_2NR^{3'}R^3$ ;

with  $R^3$  and  $R^{3'}$  being substituents independently  
selected from the group consisting of hydrogen, substituted or  
unsubstituted  $C_1-C_6$  alkyl, substituted or unsubstituted  $C_4C_2-C_6$   
alkenyl, substituted or unsubstituted aryl, substituted or  
unsubstituted heteroaryl, substituted or unsubstituted aryl-  
 $C_1-C_6$  alkyl and substituted or unsubstituted heteroaryl-  $C_1-C_6$   
alkyl,

said aryl or heteroaryl groups being optionally  
substituted  $C_1-C_6$  alkyl,  $C_1-C_6$  alkoxy,  $C_4C_2-C_6$  alkenyl,  $C_4C_2-C_6$   
alkynyl, amino, acylamino, aminocarbonyl,  $C_4C_2-C_6$   
alkoxycarbonyl, aryl, carboxyl, cyano, halogen, hydroxy,  
nitro, sulfonyl, sulfoxy and  $C_1-C_6$  thioalkoxy.

22. (Previously Presented) A process according to  
claim 21, wherein said sulfonyl chloride V is obtained by

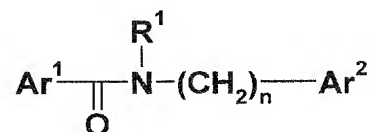
a) coupling an amine of formula II:



with an acyl chloride of formula III:

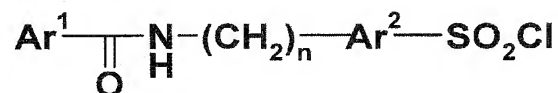


to provide an amide of formula IV:



IV

b) sulfonating the amide of formula IV to provide a sulfonyl chloride V



V.

Claims 23-26. (Cancelled)

27. (Previously Presented) The sulfonamide compound according to claim 1 wherein n is an integer of from 1 to 3.

28. (Previously Presented) The sulfonamide compound according to claim 27 wherein n is 1.

29. (Previously Presented) The composition according to claim 2 wherein n is an integer of from 1 to 3.

30. (Previously Presented) The composition according to claim 29 wherein n is 1.

31. (Previously Presented) The composition according to claim 3 wherein n is 1 or 2.

Appln. No. 10/070,954  
Amd. dated May 27, 2008  
Reply to Office Action of December 26, 2007  
and Advisory Actions of April 10, 2008 and May 19, 2008

Claims 32-34. (Cancelled)

35. (Previously Presented) The sulfonamide compound according to claim 5 wherein the C<sub>1</sub>-C<sub>6</sub> alkyl group is trihalomethyl.

36. (Previously Presented) The sulfonamide compound according to claim 9 wherein L<sup>1</sup> is a triazole ring which is fused with an aryl ring.

Claims 37-41. (Cancelled)